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Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. TI-34871

First Inventor McAdams

Title CIRCUIT AND METHOD FOR REDUCING FATIGUE IN
FERROELECTRIC MEMORIES

Express Mail Label No. ER 039328199 US

U.S. PTO
39328199
08/19/03**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification
(preferred arrangement set forth below)

[Total Pages 30]

- Descriptive title of the Invention
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Form (CRF)

- b. Specification Sequence Listing on:

- i. CD-ROM or CD-R (2 copies); or

- ii. paper

- c. Statements verifying identity of above copies

4. Drawing(s) (35 U.S.C. 113)
Sheets

[Total

8]

5. Oath or Declaration
Pages

[Total

1]

- a. Newly Executed (original or copy)

- b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)

- i.

DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & documents(s))

10. 37 CFR 3.73(b) Statement
(when there is an assignee)

- Power of
Attorney

11. English Translation Document (if applicable)

12. Information Disclosure
Statement (IDS)/PTO-1449

- Copies of IDS
Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.

17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____ / _____.

Prior application information:

Examiner _____

Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

23494

or Correspondence address below

NAME

Texas Instruments Incorporated

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE 972-917-5440

FAX (972)917-4418

Name (Print/Type)

Robert N. Rountree

Registration No. (Attorney/Agent)

39,347

Signature

Date

8/19/03

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Express Mailing Label No.: ER 039328199 US

TOTAL AMOUNT OF PAYMENT \$ 896

Complete If Known	
Application Number	TBD
Filing Date	August 19, 2003
First Named Inventor	McAdams
Examiner Name	TBD
Group Art Unit	TBD
Attorney Docket No.	TI-34871

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	20-0668
Deposit Account Name	Texas Instruments Incorporated

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001	740	201	355	Utility filing fee
1002	330	206	160	Design filing fee
1003	510	207	245	Plant filing fee
1004	740	208	355	Reissue filing fee
1005	160	214	75	Provisional filing fee
SUBTOTAL (1)				\$740

2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims Independent Claims	24 -20** = 4	4 x 18 = 72
Multiple Dependent	-3** = 1 x 84 = 84	

Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202	18	203	9	Claims in excess of 20
1201	84	202	40	Independent claims in excess of 3
1203	280	204	135	Multiple dependent claim, if not paid
1204	84	209	40	**Reissue independent claims over original patent
1205	18	210	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				\$156

**or number previously paid, if greater; For Reissue, see above

3. ADDITIONAL FEES	Large Entity Fee Code (\$)	Fee (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051	130	205	65	Surcharge - late filing fee of oath		
1052	50	227	25	Surcharge - late provisional filing fee or cover sheet		
1053	130	139	130	Non-English specification		
1812	2,520	147	2,520	For filing a request for ex parte reexamination		
1804	920*	112	920*	Requesting publication of SIR prior to Examiner action		
1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		
1251	110	215	55	Extension for reply within first month		
1252	400	216	195	Extension for reply within second month		
1253	920	217	445	Extension for reply within third month		
1254	1,440	218	695	Extension for reply within fourth month		
1255	1,960	228	945	Extension for reply within fifth month		
1401	320	219	155	Notice of Appeal		
1402	320	220	155	Filing a brief in support of an appeal		
1403	280	221	135	Request for oral hearing		
1451	1,510	138	1,510	Petition to institute a public use proceeding		
1452	110	240	55	Petition to revive - unavoidable		
1453	1,280	241	620	Petition to revive - unintentional		
1501	1,280	242	620	Utility issue fee (or reissue)		
1502	460	243	220	Design issue fee		
1503	620	244	300	Plant issue fee		
1460	130	122	130	Petitions to the Commissioner		
1807	50	123	130	Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q))		
1806	180	126	180	Submission of information Disclosure Stmt		
8021	40	581	40	Recording each patent assignment per property (times no. of properties)		
1809	740	246	355	Filing a submission after final rejection (37 CFR §1.129(a))		
1810	740	249	355	For each additional invention to be examined (37 CFR §1.129(b))		
1801	740	279	355	Request for Continued Examination (RCE)		
1802	900	169	900	Request for expedited examination of a design application		
Other fee (specify)						

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

Complete (if applicable)					
Name (Print/Type)	Robert N. Rountr e		Registration No. (Attorney/Agent)	39,347	Telephone (719) 783-0990
Signature	<i>Robert N. Rountr e</i>		Date	8/19/03	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
 Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231